

DRY SWALE
SOUTHSIDE OF MATTHEWS ROAD
SCALE 1" = 20'

NOTES

- FOR PROPOSED DESIGN PLANS PLEASE REFER TO THE CONSTRUCTION SET OF PLANS, SHEETS 1-15.
- FOR EROSION AND SEDIMENT CONTROL DETAILS, PLEASE REFER TO SHEET 21.
- FOR STORMWATER MANAGEMENT COMPUTATIONS, PLEASE REFER TO SEPARATE STORMWATER REPORT.

SEDIMENT CONTROL NOTES

- ALL SEDIMENT CONTROL DEVICES SHALL BE CONSTRUCTED, MAINTAINED, AND REMOVED IN ACCORDANCE WITH THE SPECIFICATIONS AND STANDARD DETAILS GIVEN IN M.D.E.'S "1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL".
- ALL SEDIMENT CONTROL MEASURES WILL BE CONSTRUCTED AND PLACED IN OPERATION BEFORE EXCAVATION IS STARTED. THE CONTRACTOR SHALL ADJUST THE SEDIMENT CONTROL DEVICES AS NECESSARY TO MEET FIELD CONDITIONS, KEEP THEM CLEAN AND IN WORKING ORDER DURING CONSTRUCTION. NO SEDIMENT CONTROL DEVICE SHALL BE REMOVED UNTIL THE ENTIRE AREA DRAINING TO IT HAS BEEN ADEQUATELY STABILIZED, INSPECTED AND APPROVED BY CHARLES COUNTY SEDIMENT CONTROL INSPECTOR.
- THE CONTRACTOR SHALL TAKE WHATEVER MEASURES ARE NECESSARY TO KEEP MUD AND DEBRIS FROM BEING TRACKED ON PUBLIC ROADS.
- APPROVAL OF CHARLES COUNTY SEDIMENT CONTROL INSPECTIONS DIVISION AT 301-645-0700 SHALL BE OBTAINED BY THE OWNER/DEVELOPER UPON COMPLETION OF THE INSTALLATION OF PERIMETER EROSION AND SEDIMENT CONTROLS, BUT BEFORE PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING.
- APPROVAL SHALL BE OBTAINED BY THE OWNER/DEVELOPER UPON FINAL STABILIZATION OF THE SITE BEFORE REMOVAL OF THE SEDIMENT CONTROLS. ONCE THE VEGETATION IS ESTABLISHED, THE SITE SHOULD HAVE A 95% GRASS COVER TO BE CONSIDERED ADEQUATELY STABILIZED.
- ALL EXCAVATED MATERIAL TO BE TEMPORARILY STOCKPILED IN THE LOCATION SHOWN ON THE PLANS.
- ANY EXCAVATED MATERIAL THAT IS HAULED OFFSITE MUST BE TAKEN TO A SITE WITH AN ACTIVE AND APPROVED SEDIMENT CONTROL PLAN. THE PROPOSED SITE INFORMATION IS TO BE PROVIDED TO THE SEDIMENT CONTROL INSPECTOR AT THE TIME OF THE PRE-CON MEETING.
- THE APPROVAL OF THE SEDIMENT CONTROL INSPECTOR IS REQUIRED UPON INSTALLATION OF PERIMETER EROSION AND SEDIMENT CONTROLS, BUT BEFORE PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING.
- EROSION AND SEDIMENT PRACTICES AND SITE IN GENERAL, MUST BE INSPECTED WEEKLY AND AFTER EACH RAIN FALL EVENT, BY THE CONTRACTOR OR OTHER RESPONSIBLE PERSON, AND ANY NEEDED MAINTENANCE PERFORMED IMMEDIATELY.

SEQUENCE OF CONSTRUCTION DRY SWALES

- CONTRACTOR MUST NOTIFY THE CHARLES COUNTY SEDIMENT CONTROL INSPECTOR, 301-645-0700, 5 DAYS PRIOR TO CONSTRUCTION TO SCHEDULE INSPECTION OF EROSION AND SEDIMENT CONTROL PLAN IMPLEMENTATION.
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|---------|-------|--|
| 1 DAYS | 1.1. | STARTING AT THE OUTFALL OF THE MOST DOWNSTREAM SWALE SECTION, REMOVE DRIVEWAY CULVERT DIRECTLY UPSTREAM. |
| 1 DAYS | 1.2. | INSTALL PROPOSED DRAINAGE SWALE, UNDERDRAIN, AND RECHARGE STONE. |
| 1 DAYS | 1.3. | REPLACE EXISTING UPSTREAM DRIVEWAY CULVERT AND REPAIR DRIVEWAY WITHIN THE COUNTY ROW. |
| 1 DAYS | 1.4. | PROVIDE SAME DAY SODDING TO ALL DISTURBED AREAS. |
| 14 DAYS | 1.5.1 | SOD TO BE WATERED FOR A MINIMUM OF 2 WEEKS AFTER INSTALLATION |
| 1 DAYS | 1.5.2 | SOD NEEDS TO BE PINNED/STAPLED TO EXISTING SURFACE |
| 1 DAYS | 1.5.3 | ANY AREAS NOT COMPLETED AT THE END OF BUSINESS DAY WILL NEED TO BE COVERED WITH PLASTIC & ANCHORED. TRAFFIC CONES TO BE SET UP FOR SAFETY AS NEEDED. |
| 1 DAYS | 1.5.4 | WHEN PLASTIC COVERING IS REMOVED ANY CLEAN ACCUMULATED WATER SHALL BE DIRECTED TO STABILIZED AREAS OR IF DIRTY, PUMPED THROUGH A DIRTBAG. |
| 1 DAYS | 1.5. | REPEAT STEPS 1.1 TO 1.5 FOR NEXT UPSTREAM DRAINAGE SWALE. |

SEQUENCE OF CONSTRUCTION FOR ROOFTOP FILTERRA

- CONTRACTOR MUST NOTIFY THE CHARLES COUNTY SEDIMENT CONTROL INSPECTOR, 301-645-0700, 5 DAYS PRIOR TO CONSTRUCTION TO SCHEDULE INSPECTION OF EROSION AND SEDIMENT CONTROL PLAN IMPLEMENTATION.
 - UPON SEDIMENT CONTROL INSPECTOR APPROVAL CLEAR AND GRUB FOR THE INSTALLATION OF ALL PERIMETER SEDIMENT CONTROL DEVICES PRIOR TO ANY EARTH DISTURBING ACTIVITY.
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|---------|-------|--|
| 1 DAYS | 2.1. | REMOVE VEGETATION AS IT PERTAINS TO THE INSTALLATION OF THE PROPOSED FILTERRA. |
| 2 DAYS | 2.2. | INSTALL PROPOSED FILTERRA AND TIE OUTFALL INTO THE PROPOSED STRUCTURE. |
| 1 DAYS | 2.2. | INSTALL PROPOSED CLEANOUTS AND ROOFTOP COLLECTION SYSTEM AND CONNECT INTO PROPOSED FILTERRA. |
| 1 DAYS | 3. | STABILIZE ALL DISTURBED AREAS WITH SAME DAY SODDING. |
| 14 DAYS | 3.5.1 | SOD TO BE WATERED FOR A MINIMUM OF 2 WEEKS AFTER INSTALLATION |
| 1 DAYS | 3.5.2 | SOD NEEDS TO BE PINNED/STAPLED TO EXISTING SURFACE |
| 1 DAYS | 3.5.3 | ANY AREAS NOT COMPLETED AT THE END OF BUSINESS DAY WILL NEED TO BE COVERED WITH PLASTIC & ANCHORED. TRAFFIC CONES TO BE SET UP FOR SAFETY AS NEEDED. |
| 1 DAYS | 3.5.4 | WHEN PLASTIC COVERING IS REMOVED ANY CLEAN ACCUMULATED WATER SHALL BE DIRECTED TO STABILIZED AREAS OR IF DIRTY, PUMPED THROUGH A DANDY BAG. |

LEGEND

- | | |
|------------------------------|-------|
| Existing ROW Line | --- |
| Existing Vegetation Line | ~~~~~ |
| Existing Edge of Pavement | --- |
| Existing Centerline of Road | --- |
| Existing Building | --- |
| Existing Contour 1x | 84 |
| Existing Contour 5x | 80 |
| Existing Culvert Pipe | --- |
| Existing Soil Line | --- |
| Existing Rip Rap | --- |
| Proposed Watershed Line | --- |
| Proposed Sub-Watershed Line | --- |
| Proposed Contour 1x | 84 |
| Proposed Contour 5x | 80 |
| Proposed Culvert Pipe | --- |
| Proposed Top of Swale | --- |
| Proposed Bottom of Swale | --- |
| Proposed Centerline of Swale | --- |
| Proposed TOC Flowpath | --- |
| Proposed Rip Rap | --- |
| Soil Testing Location | --- |
| Drainage Arrows | --- |
| Utility Pole | --- |
| Electric Box | --- |
| Mailbox | --- |
| Water Valves | --- |
| Monitor Well | --- |
| Inlet Protection | --- |
| Stone Construction Entrance | --- |
| Limits of Disturbance | --- |
| Silt Fence | --- |
| Super Silt Fence | --- |
| Saw Cut | --- |
- | | |
|---------------|-----|
| Road Sign | --- |
| Telephone Box | --- |
| Sewer Manhole | --- |
| Fire Hydrant | --- |
| Light Post | --- |
| SIP/CIP | --- |
| LDD | --- |
| SF | --- |
| SSF | --- |



PROFESSIONAL CERTIFICATION:

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.
LICENSE NO: 36310, EXPIRATION DATE: 11/17/2012

CHARLES COUNTY GOVERNMENT
DEPARTMENT OF PLANNING AND GROWTH MANAGEMENT
DEVELOPMENT SERVICES DEPARTMENT

			REMARKS OR CONDITIONS
GRADING	CONSTRUCTION	AS-BUILT	
ROADS	CONSTRUCTION	AS-BUILT	
STORM DRAINAGE	CONSTRUCTION	AS-BUILT	
STORMWATER MANAGEMENT	CONSTRUCTION	AS-BUILT	
WATER	CONSTRUCTION	AS-BUILT	
SEWER	CONSTRUCTION	AS-BUILT	
OTHER	CONSTRUCTION	AS-BUILT	

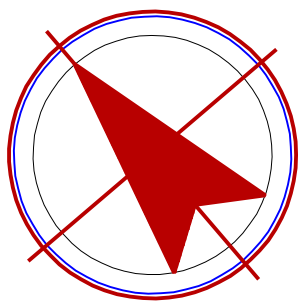
SIGNED:	THIS PERMIT EXPIRES ON:
DATE:	DATE:

NOTE

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NOTE

This Drawing does not include necessary components for construction safety. All construction must be done in compliance with the occupational safety and health act of 1970 and all rules and regulations thereto appurtenant.



EROSION & SEDIMENT CONTROL PLAN

REV NO.	CONSTRUCTION REVISION	DATE

VISTA
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Landscape Architects, Land Planning Consultants, Engineers & Surveyors

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PROJECT DATA

DRAWN BY: RS
CHECK BY: RP
CHARLES COUNTY
WALDORF, MARYLAND
F.A. NO.:
T.M. NO.:
DATE: 08/04/10
SCALE: 1" = 20'

09-047
PROJ. NO.
ES 080410.dwg
File Name:
18
SHEET NO.